42

SPLIT

DART AEROSPACE LTD	Work Order:	21334
Description: Fuel Purge Canister Installation	Part Number:	D412-706-011
Dwg:	Qty:	2
		Page 1 of 1

Step	Location	Procedure	Ву	Date	Qty]
1	DC	Issue Traveler	H	04.09.09	2	
2	DC	Photocopy bluefile and create labels per PPP D412-706-011 CHG001 N/A	X	NO PAPAROLA AVAILABLE	ORK C	4.11.05
3	PK () / / / / / / / / / / / / / / / / / /	Pick: Packing Kit Otto Description M13992 1 D2001-4 /w had Description Batch 1 D3262-041 Canister Assembly & Bal533 Bal533 2 D3264-1 Bracket × Bal533 1 D3297-1-0098 Hose Assembly & Bal534 Bal534 1 D3297-3-0085 Hose Assembly & Bal534 Bal535 1 D3297-3-0210 Hose Assembly & Bal535 Bal535 1 D3298-001- Tube Assembly & Bal536 Bal535 1 D3298-003- Tube Assembly & Bal537 Bal538 1 D3298-005- Tube Assembly & Bal538 Bal538 1 D3298-007- Tube Assembly & Bal538 Bal538 1 D3298-009- Tube Assembly & Bal538 Bal538 1 D3299-1 Fitting & Bal539 Bal539 1 D3299-3 Fitting & Bal549 Bal539 1 D3301-1 Placard x Bal549 2 Dassembly & Bal539 Bal549 Bal549				PTO
	Ý	1 AN938-6D Tee x	01	04/11/03	1	
4	QC4	Inspect Kit 100% for Completeness on the W/O	ml	04-11-03	1	
5	PK	Identify and pack for shipping as per PPP D412-706-011	CL	04/1//04	1	
6	AC	Cost / part: 756.61	Suc	1/5	,	
7	DC	Close W/O 756.64/ Inspect Level 21	A	04.11. 05)	

Rev	Date	Change	Revised By	Approved
Α	04.09.09	New Issue	KJ/JLM (111

By 0411-05.

RELEASED

Dart Aerospace Ltd

Work Order:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Manuf / Design Mgr	Approval QC Inspector
04.10.13	3	18 AN9603DIDN WASHER M15321 14 AN9603DIDN WASHER M15321 14 MSZI042L3X WUT M15066 12 MSZI919WDGIZX CLAMP M5807					
		12 MS21919WDG9X CLAMP M16037 M5866 12 MS21920-40 X CLAMP M16037 M15497 17 MS28778-6 X O-RING M1492 3 DE335489-1015 GROMMETINE M15505	44	64110113	7		

NCR			WORK (ORDER NON-CONFORM	ANCE			
DATE	STEP	Description of NC section A	Intial	Corrective Action Section B	Sign & Date	Verification Section C	Approval Design Mgr	Approval QC Inspector

	PAR#:	Fault Category:	DQA:	Date:	
ies			QA: N/C Closed:	Date:	

NOTE: Date & initial all entries H:Admin-QA\ISO\forms\w/oncB.doc

Job Costing Report

Dart Aerospace Ltd. Hawkesbury

Aug 17, 2004 11:53 am

Départment Code:

Work Order No : 0021334
Project Name : D412-706-011
Project For : WK442 Burden Flags : NNNNNNN Work Order Type : Main
Main WO Number :
House Part Number : *D412-706-011 WO Status : Open

Invoice State : Not Invoiced

Invoice Date :

Description : Fuel Purge Canister Kit Invoice Number :

Invoice Amount: 0.00

Manufactured : Yes
Amount Req'd : 2
Amount Done : 0
Start Date : 08-16-04 Order Entry No :

OE Value : 0.00 Est Finish Date : 10-14-04

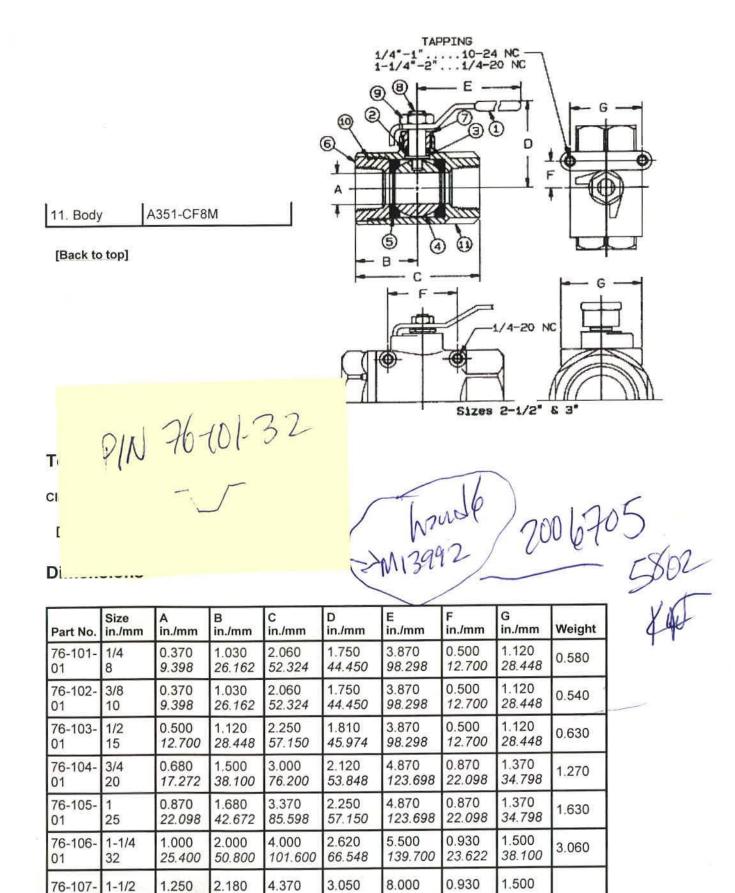
Est Margin : 0.000% Actual Margin : 0.000% Act Finish Date : Drawings Reqd : No

Ok for Approval :

Approval Rec'd : \$0 Posted to Finished Goods

		Estimated	Actual	Var. %		Posted	To Post
=======================================	==:		=========	=======	=====	=======	=========
Material Cost	:	0.00	0.00	0.00		0.00	0.00
Engineering Hours	:	0.00	0.00	0.00			
Engineering Cost	:	0.00	0.00	0.00		0.00	0.00
Production Hours	:	0.00	0.00	0.00			
Production Cost	:	0.00	0.00	0.00		0.00	0.00
Packaging Hours	:	0.00	0.00	0.00			
Packaging Cost	:	0.00	0.00	0.00		0.00	0.00
OverHead Hours	:	0.00	0.00	0.00			
OverHead Cost	:	0.00	0.00	0.00		0.00	0.00
CNC Hours	:	0.00	0.00	0.00	14.5		
CNC	:	0.00	0.00	0.00		0.00	0.00
Misc. Hours	:	0.00	0.00	0.00			
Misc.	:	0.00	0.00	0.00		0.00	0.00
		========	========	======			
Burden	:	0.00	0.00	0.00			
		========	=======	======			
Total Cost	:	0.00	0.00	0.00			
Margin	:	0.000	0.000				
Selling Cost	:	0.00	0.00				

e		Estimated	Actual
Labour Hrs/Amount Done	:	0.00	0.00
Profits/(Loss)	:	0.00	0.00



01	40	31.750	55.372	110.998	77.470	203.200	23.622	38.100	4.040
76-108- 01	2 50	1.500 38.100	2.750 69.850	5.500 139.700		8.000 203.200	0.930 23.622	1.500 38.100	6.050
76-109- 01	2-1/2 65	2.500 63.500		6.750 171.450		8.000 203.200	2.750 69.850	3.370 85.598	15.570
76-100- 01	3 80	2.500 63.500	3.370 85.598	6.750 171.450	4.120 104.648	8.000 203.200	2.750 69.850	3.370 85.598	16.790

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Options

Option Explanations »

(SUFFIX)	OPTION	SIZES
-02-	Static Grounded	1/4" to 3"
-03-	1-1/4" Stem Extension	1/4" to 3"
-04-	2-1/4" Stem Extension	1/4" to 3"
-07-	Tee Handle	1/4" to 2"
-08-	90° Reversed Stem	1/4" to 3"
-14-	Vented Ball	1/4" to 2"
-15-	Round Handle	1/4" to 2"
-16-	Vertical Chain Lever	3/4" to 2"
-19-	Lock Plate	1/4" to 2"
-21-	UHMWPE Seats (NON-PTFE)	1/4" to 3"
-24-	Graphite Stem Packing	1/4" to 3"
-27-	Latch Lock Lever	1/4" to 3"
-30-	CamLock Handle	1/4" to 2"
-32-	SS Tee Handle & Nut	1/4" to 2"
-35-	PTFE Trim	1/4" to 3"
-36-	SS Hi-Rise Round Handle &Nut	1/4" to 2"
-39-	SS Latch Lock Wheel Handle	1/4" to 2"
-40-	Cyl-Loc	1/4" to 2"
-44-	Seal Welded	1/4" to 2"
-45-	Less Lever & Nut	1/4" to 3"
-46-	Latch Lock Lever - Lock Close Only	1/4" to 3"
-47-	SS Latch Lock Oval Handle	1/4" to 1"

-48-	SS Oval Handle	1/4" to 2"
-49-	Assembled Dry	1/4" to 3"
-50-	2-1/4" Locking Stem Extension	1/4" to 3"
-57-	Cleaned For Gaseous Oxygen	1/4" to 3"
-58-	Horizontal Chain Lever	3/4" to 2"
-60-	Static Grounded Ball & Stem	1/4" to 3"
-64-	250 Lb. Steam Trim	1/4" to 3"
-P01-	BSPP (Parallel) Thread Connection	1/4" to 3"
-T01-	BSPT (Tapered) Thread Connection	1/4" to 3"

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Ball Valves: Steel Page 1 of 4

technical search

GO

76-100 (1/4" to 3") Stainless Steel Ball Valve

Sizes: 1/4" to 3" Ends: Threaded

Features > Materials List >

Dimensions > Available Options >

Temperature Curves >

--> Downloadable PDF's 🔻

Features

· Investment cast components

· RPTFE seats and stuffing box ring

· Mounting pad for easy actuator mounting

· Blow-out-proof stem design

· Adjustable packing gland

Meets NACE MR-01-75

· SS lever and nut

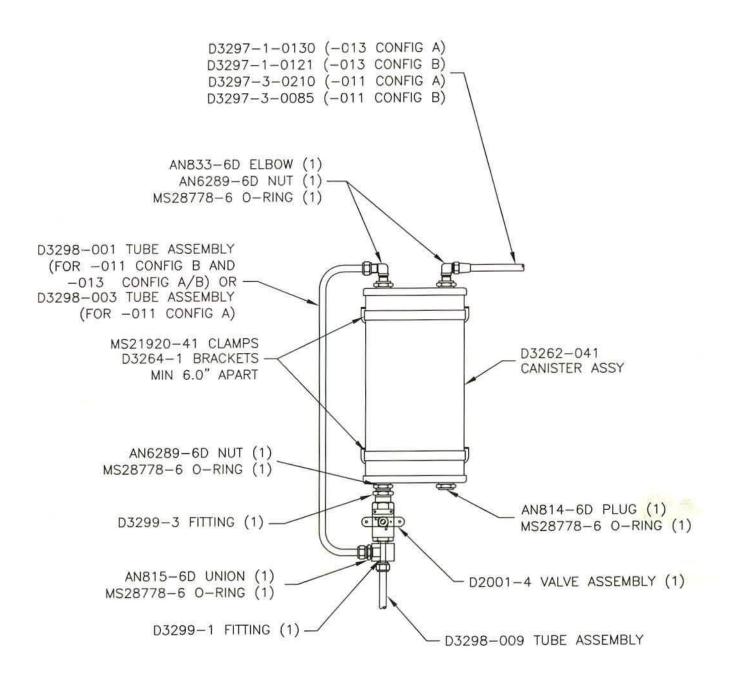
(-24) 1/4' to 2" Certified to API 607, 4th Edition, Class 600 burn

MSS SP-110; ball valves, threaded, socket-welding, solder joint, grooved and flared ends

Pressure Ratings:
 1/4" to 1" 2000 psig WOG
 1-1/4" to 2" 1500 psig WOG
 2-1/4" to 3" 1000 psig WOG
 Cold Non-Shock
 150 psig Saturated Steam

Materials

Part	Material
Lever and grip	304 SS w/vinyl
Stem packing	RPTFE
3. Stem beraing	RPTFE
4. Ball	A276-316
5. Seat (2)	RPTFE
6. Retainer	A276-316 (1/4" to 1") A351-CF8M 8 (1-1/4" TO 3")
7. Gland Nut	A276-316
8. Stem	A276-316
9. Lever nut	18-8 SS
10. Body seal 1-1/4" to 3"	PTFE



5. PARTS LIST

Qty -011	Qty -013	Qty -015	Part Number	Description		
Х			D412-706-011 D205-706-013	FUEL PURGE CANISTER INSTALLATION (212/412) FUEL PURGE CANISTER INSTALLATION (205/214)		
	Х					
		Х	D204-706-015	FUEL PURGE CANISTER INSTALLATION (204)		
1	1	1	D2001-4	VALVE ASSEMBLY		
		2	D2026-101	SCREW		
1	1	1	D3262-041	CANISTER ASSEMBLY		
2	2	2	D3264-1	BRACKET		
1			D3297-1-0098	HOSE ASSEMBLY		
	1		D3297-1-0121	HOSE ASSEMBLY		
	1		D3297-1-0130	HOSE ASSEMBLY		
1			D3297-3-0085	HOSE ASSEMBLY		
1			D3297-3-0210	HOSE ASSEMBLY		
	1		D3297-3-0350	HOSE ASSEMBLY		
		1	D3297-5-0410	HOSE ASSEMBLY		
1	1		D3298-001	TUBE ASSEMBLY		
1			D3298-003	TUBE ASSEMBLY		
1			D3298-005	TUBE ASSEMBLY		
1			D3298-007	TUBE ASSEMBLY		
1	1		D3298-009	TUBE ASSEMBLY		
		1	D3298-011	TUBE ASSEMBLY		
		1	D3298-013	TUBE ASSEMBLY		
		1	D3298-015	TUBE ASSEMBLY		
1	1	1	D3299-1	FITTING		
1	1	1	D3299-3	FITTING		
1			D3299-5	FITTING		
1	1	1	D3301-1	PLACARD		
1	1	1	D3301-3	PLACARD		
1	1		D3302-1	DOUBLER		
1	1		D3302-3	DOUBLER		
		1	D3302-5	DOUBLER		
		2	D3302-7	DOUBLER		
2			D3329-1	BUSHING		
4	4	4	AN3-5A	BOLT		
5	1	1	AN6289-6D	NUT		
1	1	1	AN814-6D	PLUG		
1	2	2	AN815-6D	UNION		
-		1	AN816-6D	NIPPLE		
1	8		AN832-6D	UNION		
2	3	1	AN833-6D	ELBOW		
1			AN834-6D	TEE		
		1	AN919-6D	REDUCER		
1	1		AN924-6D	NUT		

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Revision: A

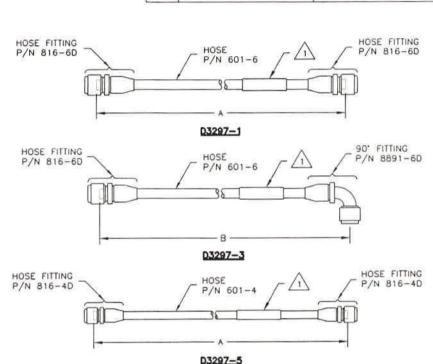
Date: 04.10.29





DESIGN	DRAWN BY	DART AEROSP HAWKESBURY, ONTAR	
CHECKED	APPROVED	DRAWING NO. D3297	REV. A SHEET 1 OF 1
DATE	13	TITLE	SCALE
04.07.06		HOSE ASSEMBLIES	NTS
A	04.07.06	NEW ISSUE	





DART P/N	AEROQUIP P/N	VENDOR	Α	В
D3297-1-0098	601000-6D0098	API	9.75	
D3297-1-0130	601000-6D0130	API	13.00	
D3297-1-0121	601000-6D0121	API	12.13	
D3297-3-0085	601002-6D0084	API		8.50
D3297-3-0210	601002-6D0210	API		21.00
D3297-3-0350	601002-6D0350	API		35.00
D3297-5-0410	601000-4D0410	API	41.00	

D3297-1-XXXX HOSE ASSEMBLY WHERE XXXX REPRESENTS HOSE LENGTH IN TENTHS OF INCH D3297-5-XXXX HOSE ASSEMBLY

EG: 12.125" LONG: D3297-1-0121 41.00" LONG: D3297-5-0410 8.50" LONG: D3297-3-0850

NOTES:

- 1) IDENTIFY WITH DART P/N & B/N USING D2729-1 LABEL INSTALLED WITH D2182-045 HEAT SHRINK
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES

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